

Certificate of Analysis

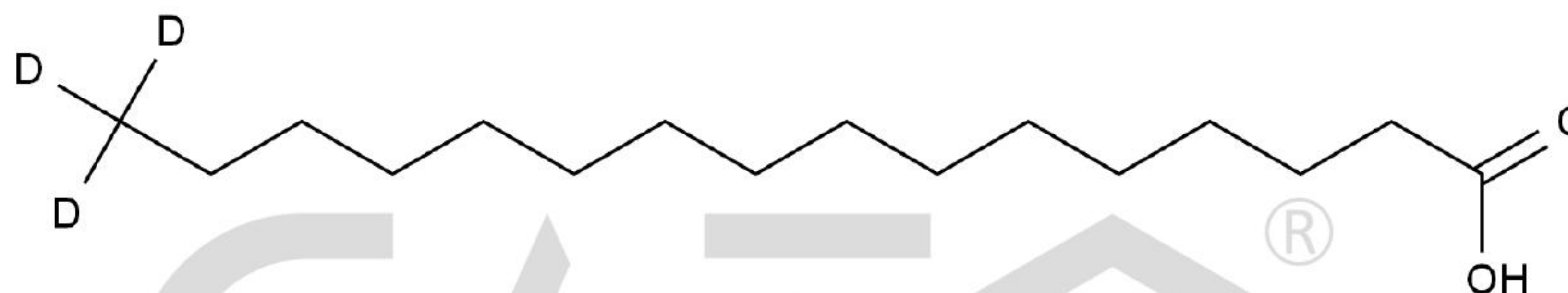
Reference Material & Standard

Product Name:	Palmitic Acid-d3	Catalogue Number:	CCFD201903
Synonyms:	N/A	Lot Number:	0722-RH-0018
CAS Number:	75736-53-7	Expiry Date:	Jul 15, 2030
Molecular Formula:	C ₁₆ H ₂₉ D ₃ O ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	259.44	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	HNMR	Confirmed
Chemical Purity	ELSD	99.9%
Isotopic Purity		99.9%
Uncertainty		±0.1%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Lisa

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Jul 23, 2026

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